```
EEEEEEEEEEEEEEEE   DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEE  DDDDDDDDDD      TTTTTTTTTTTTTTTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEEEEEEEEEEE       DDD      DDD          TTT
EEEEEEEEEEEE       DDD      DDD          TTT
EEEEEEEEEEEE       DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEE                DDD      DDD          TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
EEEEEEEEEEEEEEEE   DDDDDDDDDD            TTT
```

EXE

Mod

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SYS
LBR
LIB

```
MM      MM   CCCCCCCC  TTTTTTTTTT    000000    PPPPPPPP
MM      MM   CCCCCCCC  TTTTTTTTTT    000000    PPPPPPPP
MMMM  MMMM  CC             TT       00    00   PP      PP
MMMM  MMMM  CC             TT       00    00   PP      PP
MM  MM  MM  CC             TT       00    00   PP      PP
MM      MM  CC             TT       00    00   PPPPPPPP
MM      MM  CC             TT       00    00   PPPPPPPP
MM      MM  CC             TT       00    00   PP
MM      MM  CC             TT       00    00   PP
MM      MM  CC             TT       00    00   PP          ....
MM      MM  CC             TT       00    00   PP          ....
MM      MM   CCCCCCCC      TT        000000    PP          ....
MM      MM   CCCCCCCC      TT        000000    PP
```

```
LL             IIIIII     SSSSSSSS
LL             IIIIII     SSSSSSSS
LL               II      SS
LL               II      SS
LL               II      SS
LL               II       SSSSSS
LL               II       SSSSSS
LL               II            SS
LL               II            SS
LL               II            SS
LL               II            SS
LLLLLLLLLL     IIIIII     SSSSSSSS
LLLLLLLLLL     IIIIII     SSSSSSSS
```

```
    1    0001   0   %TITLE 'EDT$MCTOP - move cursor to top of file'
    2    0002   0   MODULE EDT$MCTOP (                                    ! Move cursor to top of file
    3    0003   0                    IDENT = 'V04-000'                    ! File: MCTOP.BLI Edit: JBS1003
    4    0004   0                    ) =
    5    0005   1   BEGIN
    6    0006   1   !
    7    0007   1   !*****************************************************************************
    8    0008   1   !*                                                                           *
    9    0009   1   !*    COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                 *
   10    0010   1   !*    DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.                  *
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   16    0016   1   !*    COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY   *
   17    0017   1   !*    OTHER PERSON.  NO TITLE TO AND OWNERSHIP OF  THE  SOFTWARE IS  HEREBY   *
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   19    0019   1   !*                                                                           *
   20    0020   1   !*    THE INFORMATION IN THIS SOFTWARE IS  SUBJECT TO CHANGE WITHOUT NOTICE   *
   21    0021   1   !*    AND  SHOULD  NOT  BE  CONSTRUED AS  A COMMITMENT BY DIGITAL EQUIPMENT   *
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   23    0023   1   !*                                                                           *
   24    0024   1   !*    DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE  OR  RELIABILITY OF ITS   *
   25    0025   1   !*    SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                 *
   26    0026   1   !*                                                                           *
   27    0027   1   !*                                                                           *
   28    0028   1   !*****************************************************************************
   29    0029   1
   30    0030   1
   31    0031   1   !++
   32    0032   1   ! FACILITY:     EDT -- The DEC Standard Editor
   33    0033   1   !
   34    0034   1   ! ABSTRACT:
   35    0035   1   !
   36    0036   1   !       Move cursor to top of file.
   37    0037   1   !
   38    0038   1   ! ENVIRONMENT:  Runs at any access mode - AST reentrant
   39    0039   1   !
   40    0040   1   ! AUTHOR: Bob Kushlis, CREATION DATE: September 9, 1979
   41    0041   1   !
   42    0042   1   ! MODIFIED BY:
   43    0043   1   !
   44    0044   1   ! 1-001 - Original.  DJS 19-FEB-1981.  This module was created by
   45    0045   1   !         extracting routine EDT$$CS_TOP  from module MOVCUR.
   46    0046   1   ! 1-002 - Regularize headers.  JBS 11-Mar-1981
   47    0047   1   ! 1-003 - Remove EDT$$G_LN_NO for new screen update logic.  JBS 29-Sep-1982
   48    0048   1   !--
   49    0049   1
```

```
  51    0050  1  %SBTTL 'Declarations'
  52    0051  1  !
  53    0052  1  ! TABLE OF CONTENTS:
  54    0053  1  !
  55    0054  1
  56    0055  1  REQUIRE 'EDTSRC:TRAROUNAM';
  57    0494  1
  58    0495  1  FORWARD ROUTINE
  59    0496  1      EDT$$CS_TOP : NOVALUE:
  60    0497  1
  61    0498  1  !
  62    0499  1  ! INCLUDE FILES:
  63    0500  1  !
  64    0501  1
  65    0502  1  REQUIRE 'EDTSRC:EDTREQ';
  66    0637  1
  67    0638  1  !
  68    0639  1  ! MACROS:
  69    0640  1  !
  70    0641  1  !     NONE
  71    0642  1  !
  72    0643  1  ! EQUATED SYMBOLS:
  73    0644  1  !
  74    0645  1  !     NONE
  75    0646  1  !
  76    0647  1  ! OWN STORAGE:
  77    0648  1  !
  78    0649  1  !     NONE
  79    0650  1  !
  80    0651  1  ! EXTERNAL REFERENCES:
  81    0652  1  !
  82    0653  1  !      In the routine
```

K 10

```
    84    0654  1  %SBTTL 'EDT$$CS_TOP  - move cursor to top of file'
    85    0655  1
    86    0656  1  GLOBAL ROUTINE EDT$$CS_TOP                              ! Move cursor to top of file
    87    0657  1      : NOVALUE =
    88    0658  1
    89    0659  1  !++
    90    0660  1  ! FUNCTIONAL DESCRIPTION:
    91    0661  1  !
    92    0662  1  !     This routine moves the cursor to the top of the current buffer.
    93    0663  1  !
    94    0664  1  ! FORMAL PARAMETERS:
    95    0665  1  !
    96    0666  1  !     NONE
    97    0667  1  !
    98    0668  1  ! IMPLICIT INPUTS:
    99    0669  1  !
   100    0670  1  !     NONE
   101    0671  1  !
   102    0672  1  ! IMPLICIT OUTPUTS:
   103    0673  1  !
   104    0674  1  !     NONE
   105    0675  1  !
   106    0676  1  ! ROUTINE VALUE:
   107    0677  1  !
   108    0678  1  !     NONE
   109    0679  1  !
   110    0680  1  ! SIDE EFFECTS:
   111    0681  1  !
   112    0682  1  !     NONE
   113    0683  1  !
   114    0684  1  !--
   115    0685  1
   116    0686  2      BEGIN
   117    0687  2
   118    0688  2      EXTERNAL ROUTINE
   119    0689  2          EDT$$GET_TXTLN : NOVALUE,
   120    0690  2          EDT$$TOP_BUF;
   121    0691  2
   122    0692  2  !+
   123    0693  2  ! Go to the top and get the new line.
   124    0694  2  !-
   125    0695  2      EDT$$TOP_BUF ();
   126    0696  2      EDT$$GET_TXTLN ();
   127    0697  1      END;                                    ! of routine EDT$$CS_TOP
```

```
                                               .TITLE  EDT$MCTOP EDT$MCTOP - move cursor to top of fil
                                                       e
                                               .IDENT  \V04-000\

                                               .EXTRN  EDT$$GET_TXTLN, EDT$$TOP_BUF

                                               .PSECT  _EDT$CODE,NOWRT,  SHR,  PIC,2

                                      0000 00000  .ENTRY  EDT$$CS_TOP, Save nothing          ; 0656
   00000000G  00          00  FB 00002  CALLS   #0, EDT$$TOP_BUF                 ; 0695
   00000000G  00          00  FB 00009  CALLS   #0, EDT$$GET_TXTLN               ; 0696
```

EDT$MCTOP   EDT$MCTOP - move cursor to top of file   L 10
V04-000   EDT$MCTOP - move cursor to top of file   16-Sep-1984 01:12:01   VAX-11 Bliss-32 V4.0-742   Page 4
               EDT$SCS_TOP - move cursor to top of file   14-Sep-1984 12:23:57   DISK$VMSMASTER:[EDT.SRC]MCTOP.BLI;1   (3)

```
                                              04 00010         RET                                    ; 0697
; Routine Size:  17 bytes,     Routine Base:  _EDT$CODE + 0000

;   128          0698 1
;   129          0699 1 !<BLF/PAGE>
```

EDT$MCTOP   EDT$MCTOP - move cursor to top of file   M 10
V04-000   EDT$$CS_TOP - move cursor to top of file   16-Sep-1984 01:12:01   VAX-11 Bliss-32 V4.0-742   Page 5
                                                                    14-Sep-1984 12:23:57   DISK$VMSMASTER:[EDT.SRC]MCTOP.BLI;1   (4)

```
; 131          0700 1 END                                    ! of module EDT$MCTOP
; 132          0701 1
; 133          0702 0 ELUDOM
```

:   PSECT SUMMARY

:   Name   Bytes   Attributes

: _EDT$CODE   17 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

:   Library Statistics

:   -------- Symbols --------   Pages   Processing
:   File   Total   Loaded   Percent   Mapped   Time

: _255DUA28:[EDT.SRC]EDT.L32;1   377   0   0   40   00:00.2
: _255DUA28:[EDT.SRC]PSECTS.L32;1   2   1   50   7   00:00.1

:   COMMAND QUALIFIERS

:   BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS$:MCTOP/OBJ=OBJ$:MCTOP MSRC$:MCTOP.BLI/UPDATE=(ENH$:MCTOP)

: Size: 17 code + 0 data bytes
: Run Time: 00:08.4
: Elapsed Time: 00:11.0
: Lines/CPU Min: 4990
: Lexemes/CPU-Min: 13229
: Memory Used: 49 pages
: Compilation Complete

LXCOMN00
LIS

MCGETLIN
LIS

MCRIGHT
LIS

MCCHANGE
LIS

MACCAL
LIS

NOOPEN
LIS

PRAPPNUM
LIS

MSGTXT
LIS

PRGETTOK
LIS

PRISTOK
LIS

LXPRINT
LIS

MCTOP
LIS

MCDOWN
LIS

MCLEFT
LIS

MCBOTTOM
LIS

PAUDIT
LIS

PRGETCHR
LIS

LXCOM
LIS

MAIN
LIS

MCUP
LIS